



Side Event: South Asian Eco-Village Solutions in NDCs and Climate Finance Renewable Energy and Organic Farming
UNFCCC SB44, Bonn. 16.45 - 18.15, 20 May 2016, Room: Berlin

## Linking Eco Village Development (EVD) to INDCs and National Agendas of Sri Lanka

Dumindu Herath
Integrated Development Association
IDEA, Sri Lanka



















### Organization Overview and Interventions



### Integrated Development Association (IDEA)

Interventions: Rural Energy

Energy: Biomass (about 70%)

Estate- 4.4



- Nationwide dissemination and commercialization of the "Anagi" improved cookstoves – Over 300,000 Stoves produced Annually
- 4 Million Stoves Marketed since inception
- Industrial and large stoves installation
- -Rural kitchen improvements and IAP
- Bakery, Brick making combustion improvements
- Village hydro
- Organic Gardening

**Basket of EVD Solutions – Integration through Village Planning** 

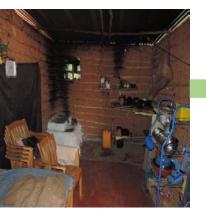
Reduction- 0.5 tCO<sub>2</sub>e / Year













## Sri Lanka INDCs – EVD linkages

Ministry of Mahaweli Development and Environment, Sri Lanka. April 2016

**Key Features :** Mitigation -5 Sectors, Adaptation – 8 Sectors, Loss and Damages

Climate Financing not Quantified Mitigation: Sectors

Sectors and EVD association		Reductions by 2030
	Energy- 50% NCRE by 2030 Promotion of wind, solar, biomass, Mini Hydro, Demand side Management	<b>20%</b> (approx. 36010.2Gg) (4% Unconditional, 16% Conditional)
>	Transport Enhancing Efficiency and Quality for Public Transport	10% (3% Unconditional, 7% Conditional)
>	Waste Organic fertilizers for agriculture, Energy generation from waste	
>	Industry Eco Industrial Parks and Villages, Energy Efficiency in SMEs	
>	Forest Restoration and Increase in Forest cover	

## Sri Lanka INDCs – EVD linkages

Adaptation: Based on NCCAS and NAP

#### **Sectors:**

- ➤ Health Sector
- Food Security Mitigation of Chemical fertilizers
- ➤ Water Conservation of drinking water catchments
- ➤ Irrigation Improved irrigation for Agriculture, Water harvesting

Other Sectors: Coastal and Marine, Bio Diversity, Urban City Planning and Human Settlements, Tourism and Recreation





INDC inclusions- Rural Energy Sector and Health due to energy Inefficiency and Malpractices not highlighted - in National Programmes

# Other National Initiatives Following COP21

➤ Sri Lanka NEXT Initiative

The BlueGreen Era

Pledging for 2°C

EVD Linkage -Green Villages and

Cities





- "Toxic Free Nation" 3 Year National Programme
  - -Reduce the utilization of Chemicals in Agriculture
  - -Mainstreaming and upscaling Organic Agriculture

# Other National Initiatives Following COP21 Organic Agriculture - "Toxic Free Nation", INDCs

#### **Eco Village Developments Initiatives**

Organic Gardening – Home Gardening
 Entry Point and facilitates Integration of solutions , Huge Scope









Sectoral Composition of GDP of Sri Lanka: Agriculture 11%, Industry 31%, Service 58%Z

**Agricultural Labour force 30%** 

Boost productivity and productive employment – Improve Agricultural livelihoods, Agro Products, Market Avenues, Training and Capacity building on sustainable farming practices and technology...etc

### Pro Poor Low Carbon EVD - Integration

## Going forward: Sri Lankan Perspective

- > Awareness and Education
- ➤ Social Acceptability and Branding Lifestyles Changes with Income
- Capacity Building and Technology Transfer
- Establishment of Support Systems, Structures and Infrastructure
- Long Term Proactive measures: Introduction of Low Carbon Livelihoods
- Civil Society Involvement: Participatory approach
- Operationalizing and Implementation of National agendas at Grassroot level
- Building capacity on climate resilience
- > Finance!

More than 200 families are missing after a massive landslide buried three villages in Sri Lanka following days of torrential rain

